

Abstract of the Disclosure

A broadband communication network uses a point and shoot approach for data transmission. A broadband information signal is transmitted from a transmitting station to a receiving station. The information signal is divided into a series of data packets, each including addressing information and data intended for a particular receiver. The information signal is parsed to extract addressing information. The addressing information parsed from the information signal is used to construct a narrow band index signal. The narrow band index signal is transmitted, along with the broadband information signal, to a plurality of receiving stations. Each receiving station demodulates and decodes the narrow band index signal. The address information contained in the index field includes pointers to data packets in the information signal. Using the addressing information and pointers in the index signal, each receiving station can locate and extract data packets from the broadband information signal which are intended for that particular receiver. The data packets from the information signal are buffered to permit demodulation and decoding the particular packet(s) belong to that particular receiver at the same rate of the information signals.